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by:



PREDICTION OF WELLBORE AND CAVITY STABILITY USING COMPRESSIONAL AND SHEAR WAVE SLOWNESS

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ABSTRACT

The single set of information needed to help explain wellbore instability and cavity creations consist of in-situ stress and rock mechanical properties. This paper describes the use of full waveform data from a long spaced sonic wireline tool to determine the stress and rock mechanical properties distribution, and thus the expected instability criteria.

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